

Intergovernmental Water Board (IWB)

Meeting Minutes

September 12, 2007

City of Tigard

Water Auditorium

8777 SW Burnham Street

Tigard, OR 97223

Members Present:

Gretchen Buehner	Representing the City of Tigard
Julie Russell	Representing the Tigard Water District
Bill Scheiderich	Member at Large
Dick Winn	Representing the City of King City

Members Absent:

Patrick Carroll	Representing the City of Durham
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Staff Present:

Public Works Assistant Director Brian Rager
Water Quality & Supply Supervisor John Goodrich
Accounting Supervisor Amanda Bewersdorff
IWB Recorder Greer Gaston

1. Call to Order, Roll Call and Introductions

Commissioner Scheiderich called the meeting to order at 5:35 p.m.

2. Approval of Minutes – August 8, 2007

Commissioner Buehner motioned to approve the August 8, 2007 minutes; Commissioner Winn seconded the motion. The minutes were approved by unanimous vote, with Commissioners Buehner, Russell, Scheiderich, and Winn voting yes.

3. Public Comments:

Marland Henderson, 11795 SW Katherine Street, Tigard, said his comments were related to agenda item #5 and he would wait until that item was before the Board.

4. Accent Residential Homes Credit for Leak Request

Ms. Bewersdorff provided background information regarding this credit for leak request. Staff's recommendation was to deny the credit request based on:

- the chronology of events in Ms. Bewersdorff's memo dated September 4, 2007 (This memo is on file in the IWB record.)
- the leak not being repaired within the ten days as required in the Tigard Municipal Code

Ms. Bewersdorff stated no payments have been made on the account and the irrigation line had been turned off.

Commissioner Winn motioned to deny the credit for leak request; Commissioner Buehner seconded the motion. The request was denied by unanimous vote, with Commissioners Buehner, Russell, Scheiderich, and Winn voting yes.

Note: Later in the meeting, Sean Foushee of Accent Residential Homes showed up and inquired about the credit for leak request. Commissioner Scheiderich told Mr. Foushee to meet with Amanda Bewersdorff regarding the credit for leak request, so staff could prepare a presentation for the Board. He stated the issue could be placed on the Board's next agenda. Commissioner Scheiderich noted the Board had already taken action on the matter.

5. Discussion on the Use of Reclaimed Water in Downtown Tigard and Policy and Incentives for Stormwater Diversion

Clean Water Services (CWS) Government and Public Affairs Manager Mark Jockers introduced himself. Mr. Jockers discussed CWS's water reuse program and incentives related to storm water harvesting, (rain barrels, disconnecting downspouts, etc.).

Mr. Jockers provided the following background information:

- CWS strongly supports water reuse; it's the largest reuse provider in the state.
- The Durham treatment plant provides half-a-million gallons per day of reclaimed water to irrigate 215 acres of turf.
- The water is used at Tigard High School, Durham Elementary School, Summerfield Golf Course, Tualatin Country Club, King City Golf Course, and Cook Park.
- The reclaimed water used represents less than one percent of annual wastewater flow.
- The water reuse program is seasonal, operating from May to October.
- CWS produces the highest level reclaimed water approved for the most uses.
- CWS is in the midst of reclaimed water master planning to determine the highest and best use of reclaimed water. The focus is on turf irrigation.
- Effluent from the Rock Creek and Durham waste water treatment plants can make up to 40 percent of the overall flow of the Tualatin River in summer months.
- There may be an environmental impact to the Tualatin River should water be diverted from the river in order to increase the supply of reclaimed water.
- One of the goals of the reuse program is to "swap" reclaimed water for water that would be withdrawn from the river.
- Reused water cannot come back to the waters of the state. Ideally the water is applied at the same rate as plants will take it up, so no run off is generated.
- CWS mitigates for the temperature of their effluent by releasing cold water from Hagg Lake and providing shade along waterways.

Regarding the use of reclaimed water in Tigard's downtown area, Mr. Jockers made the following comments:

- The DEQ would not permit irrigation that would allow reclaimed water to flow into the creek.
- Someone would have to pay for the infrastructure to get the water to the area.
- It would have to be decided if using reclaimed water in the downtown would be the best use of this resource in terms of the overall environmental impact and the health of the river.

Commissioner Scheiderich suggested it was premature to pursue further use of reclaimed water in downtown Tigard until landscaping irrigation requirements are determined.

Mr. Jockers addressed the Board's inquiry regarding residential incentives related to storm water harvesting. He explained CWS's stormwater credit programs are geared toward development and redevelopment. CWS has no residential downspout disconnection or rain barrel credit. These programs are typically offered in communities where stormwater and sanitary systems are combined and are placing a strain on the sanitary system. Residents in Washington County do not have combined stormwater and sanitary systems.

It was suggested information could be provided to citizens on their utility bills.

Marland Henderson, 11795 SW Katherine Street, Tigard, asked how CWS water got into the river. Mr. Jockers replied water was discharged through a diffusion pipe along the bottom of the river. This is one of four permitted discharges. CWS does not have a permit to discharge reclaimed water at other locations along the river.

Charles Swift, 12950 SW Pacific Highway, Tigard, said, in his experience, only the facility where the reclaimed water came from needed to be permitted; if reclaimed water made its way to the river, this did not need to be permitted. Mr. Jockers said CWS is operating under a different set of rules.

Mr. Henderson asked what will happen as the community grows and more waste water is generated. Mr. Jockers responded that the amount of water discharged into the river is limited by the capacity of the river to assimilate the discharge. He added that the issue of future discharges will be part of CWS's master planning.

There was also a discussion about the use of recycled water as a water source for toilets. Mr. Jockers did not know whether a permit would be required for this use; there would be building code issues. He added that such an idea would require dual plumbing systems (one for drinking water and one for reclaimed water). He raised the issue of the cost of the initial investment in infrastructure and how these costs would be distributed.

Ken Henshel, 14530 SW 144th Avenue, asked, with regard to existing homes, if there were any retrofit systems designed to allow the use of rainwater for toilet flushing. Mr. Jockers said he didn't know; he suggested this may be a question for DEQ.

Commissioner Buehner said some of the major downtown projects might be on a large enough scale to qualify as a pilot project to implement some of these water-saving suggestions.

Mr. Jockers pointed out that reclaimed water was not available year-round.

6. Discussion of Additional Tenancy in Common Agreements for Properties within the Tigard Water Service Area

The Board recently executed two tenancy in common agreements for the water building and Canterbury property. Mr. Rager asked the Board if it was interested in creating additional agreements for other properties.

There was some discussion about which properties were within the City of Tigard. Commissioner Scheiderich asked staff to research this issue and bring the item back at a subsequent meeting.

Commissioner Scheiderich explained his interpretation of the 1993 agreements establishing the IWB. If property is within the City of Tigard, upon withdrawal from the group, the City succeeds in title to the property. The tenancy in common agreements, on the other hand, direct that property be dedicated to the water service system and

guarantee that ownership is distributed to the owner jurisdictions. This is why the Board needs to know which properties are within the City of Tigard and, by default, fall under the 1993 agreement.

Commissioner Russell made a formal request from the Tigard Water District (TWD) asking the IWB delay any action on the properties until the legal action regarding the public meeting notice for the June 25, 2007 TWD meeting is settled. Commissioner Russell referred to a letter she would provide to the Board.

Note: The letter Commissioner Russell referred to was not produced and, therefore, is not a part of this record.

In response to Commissioner Scheiderich, Mr. Rager said this was not an urgent matter.

Commissioner Scheiderich directed the issue be brought back to the Board's next meeting and asked staff to provide a history of when the properties were annexed into the City of Tigard.

7. Water Supply Options

- Little progress had been made on scheduling committee meetings with the City of Lake Oswego.
- Aquifer storage and recovery well # 2 was out of service and the City was looking into increasing the capacity of the well in conjunction with the repair. This is not affecting water supply.
- The bid opening for the 550-foot Zone Reservoir #2 and Price Park took place yesterday. Activity at the site should begin next month and the project will take about two years to complete. The low bid was about \$5.7 million, which was in line with the engineer's estimate.

8. Informational Items

Mr. Rager referred to Tualatin Project Title Transfer Partnership documents that had been handed out to the Commissioners. These documents are on file in the IWB record. Having Clean Water Services (CWS) act on behalf of the Tualatin Basin Water Supply Project partners would streamline the title transfer project. Approval of the memorandum of agreement granting CWS the authority to act on Tigard's behalf will go before the Tigard City Council in the near future.


9. Non-Agenda Items: None

10. Next Meeting - October 10, 2007, 5:30 p.m.

Tigard Water Building, 8777 SW Burnham Street, Tigard, Oregon

11. Adjournment

Commissioner Scheiderich adjourned the meeting at 6:32 p.m.


Greer A. Gaston, IWB Recorder

Date: 10-10-07